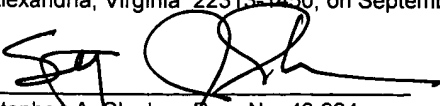


1FW AF/1753

**PATENT APPLICATION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on September 7, 2004.

  
Stephen A. Slusher, Reg. No. 43,924

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Joseph Wang, et al	:	Examiner:	Brian L. Mutschler
Serial No.	09/705,100	:	Group Art Unit:	1753
Filed:	November 2, 2000	:		
For:	MICROFLUIDIC DEVICES WITH THICK FILM ELECTROCHEMICAL DETECTION	:		

**SECOND SUPPLEMENTAL AMENDMENT**  
**IN REPLY TO NOTICE OF NON-COMPLIANT AMENDMENT**

**Mail Stop: AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the September 2, 2004, Notice of Non-Compliant Amendment which was filed in response to the Office Action dated February 2, 2004, please amend the above-identified application as follows :

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 14 of this paper.